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NEC – Open Networks Converged Core

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March 3rd, 2025 | Read Time: 2 minutes

PN

Paul Norkus

NEC's AMD is part of a cloud-native 4G/5G Converged Core that offer seamless migration, flexible scaling, platform agnosticism, and proven reliability for next-gen networks.

NEC's cloud-native 4G/5G Converged Core – the key to innovation, flexibility and reliability

Tomorrow's next-generation networks will be far different from the hardware-centric networks we're used to. Built on physical components and inhabiting large footprints, those networks are expensive to run, difficult to scale, and slow to innovate.

The coming cloud-based networks will allow communications services providers (CSPs) to scale their networks, respond to changing usage patterns, and bring new 5G services to market faster than ever before.

NEC's cloud-native 4G/5G Converged Core will help you seamlessly migrate from your legacy 4G network to tomorrow's 5G network, bringing both your 4G and 5G users together under a single core. More than just a bridge between your two networks, the 4G/5G Converged Core is where all the functions of those networks come together to connect, manage and deploy services to your customers. And built on open-source technology, it's designed to evolve as your network evolves.

Three key aspects of why NEC is differentiated:

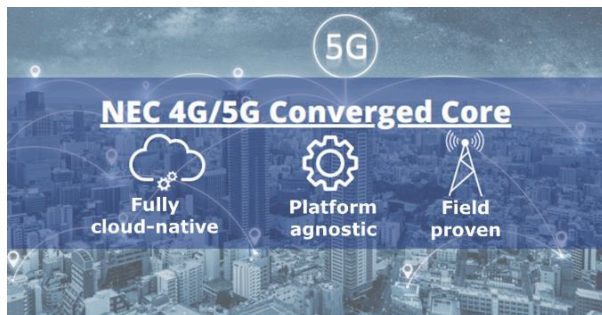
- Fully cloud-native architecture for flexible scaling and auto-healing
- Platform agnostic operation for B2C to B2X use cases
- Field-proven with tier1 mobile carriers and NEC's extensive experience

Certification Overview

Solution Version: Converged Core Rel-06

Category: 5G Core

Certification Detail: 28-FEB-2025 RHOC 3.5 PowerEdge R660/R760



Additional Information

- Company webpage: <https://www.nec.com/index.html>
(<https://www.nec.com/index.html>)

- Product description:

https://www.nec.com/en/global/solutions/5g/4G_5G_Converged_Core.html
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Resources

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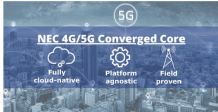
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- Product description: https://www.nec.com/en/global/solutions/5g/4G_5G_Converged_Core.html

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Summa Networks - NextGen Extended and Converged Control

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Summa Networks new NextGen Home Subscriber Server version includes:

Comprehensive Multimedia Telephony (MMTel) functionality, to share the settings of supplementary services (such as voicemail) between 3G and 4G, improving customer experience



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A virtualized 5G Standalone (SA) Core Network platform for commercial mobile & private networks



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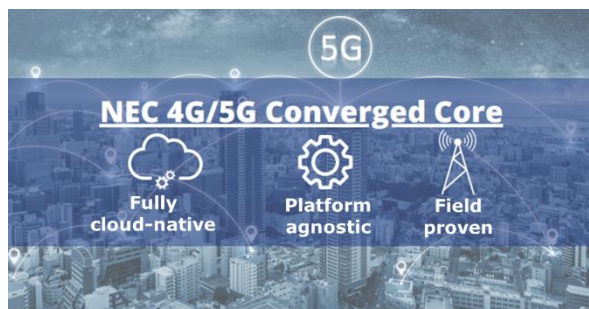
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